Indoor Fixed-Gain Booster --- User manual

Congratulations on your purchase of the booster for 802.11b or 802.11g/b network product.

This device is increase the effective range and coverage area of the 802.11b or 11g network. The added signal strength also helps speed up your close-range communications. To install, just connect the booster on your Access Point, move the antenna to the booster-no drivers or modifications to your setup are necessary.
The signal booster saves wiring costs and helps to build corporate wireless infrastructure by driving signals even into those distant, reflective corners and hard-to-reach areas. And it’s perfect for covering large areas in warehouse environments, public spaces and hotspots—anywhere you need extra coverage for your wireless LAN.

Package includes

- Booster
- User Manual
- AC Adapter
- RG 316 Cable

Features

- Die Casting Aluminium
- Lightning Protection
- TX LED power LED
- Stronger signal improves throughput by reducing retransmissions
- One Year Limited Warranty

General Specification

Electrical Specification

Operating Range	2400~2500GHz
Operation Mode	Bi-Directional, half duplex, auto-switching via carrier sensing
Connector	SMA Receptacle, 50 ohm
Lightning Protection	Direct DC ground & DC black on amplify output
DC Surge Protection	at 6VDC input from transmission cable
Frequency Response	+/- 1dB over operating range
Input Power	6dBm (Min.), 20dBm (Max.) for 802.11b product
	6mW (Min.), 100mW (Max.) for 802.11g/b product
Output Power	see the package
Transmit Gain	17dBm nominal for 802.11b product
	12dBm (adjustable) for 802.11g/b products
Receive Gain	10dBm for 802.11b product
	14dBm for 802.11g/b product
Receive Noise Figure	3.5dBm nominal

Mechanical Specification

Operating Temperature	-20 to +70℃
Operating Humidity	up to 95% relative humidity
Power Adapter	5V DC max. current<650mA, 100-240V AC for 802.11b product
	6V DC max. current<1A, 100-240V AC for 802.11g/b product
Output Power Option	100mW/200mW/500mW each for 802.11b product
	100mW/200mW/500mW each for 802.11g/b product

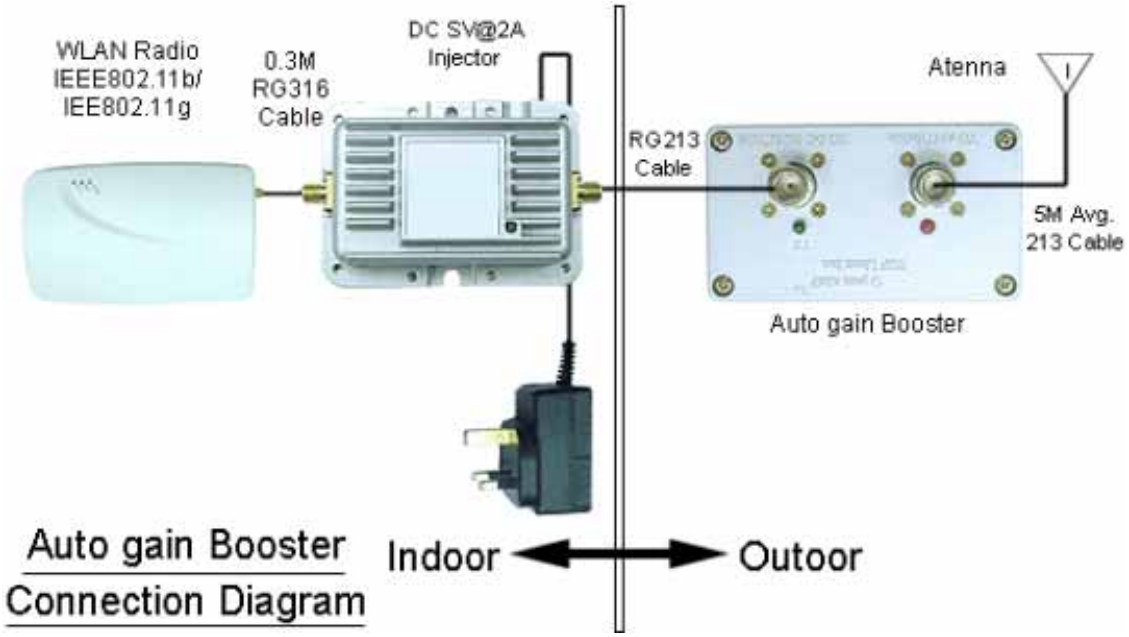
Overall Dimension

Booster	3.0 x 2.2 x 1.1inch (7.8 x 5.6 x 2.9cm)
DC Injector	2.5 x 1.8 x 1.1inch (6.0 x 4.4 x 2.5cm)

Weight

Booster	< 0.5lb/200g
DC Adapter	< 120g
LED indicator	TX LED

Photo


WLAN Radio
IEEE802.11b/
IEE802.11g
0.3M
RG316
Cable
DC 5V@2A
Injector
Atenna
RG213
Cable
5M Avg.
213 Cable
Auto gain Booster
Auto gain Booster
Connection Diagram
Indoor
Outoor